

GenCore version 5.1.3  
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## OM protein - protein search, using sw model

Run on: January 13, 2003, 15:31:05 ; Search time 9.80986 Seconds  
(without alignments)  
596.865 Million cell updates/sec

Title: US-09-728-911-35

Perfect score: 1103

Sequence: 1 MWPPENVRNMSVNFKNILQ.....NKAGWSEPCVCEQTHDETV 199

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

## Database :

Issued Patents AA:\*  
1: /cgn2\_6/prodata/1/1aa/5A.COMB.pep:\*  
2: /cgn2\_6/prodata/1/1aa/5B.COMB.pep:\*  
3: /cgn2\_6/prodata/1/1aa/6A.COMB.pep:\*  
4: /cgn2\_6/prodata/1/1aa/6B.COMB.pep:\*  
5: /cgn2\_6/prodata/1/1aa/PCUTUS.COMB.pep:\*  
6: /cgn2\_6/prodata/1/1aa/backfile1.pep:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1103	100.0	325	2	US-08-683-743-4
2	1087	98.5	233	4	US-08-871-572B-8
3	235.5	21.4	221	2	US-08-943-087-58
4	229.5	20.8	221	2	US-08-943-087-50
5	229.5	20.8	553	2	US-08-943-087-2
6	229.5	20.8	553	2	US-08-943-087-14
7	229.5	20.8	553	2	US-08-943-087-16
8	229.5	20.8	553	2	US-08-943-087-18
9	229.5	20.8	553	2	US-08-943-087-20
10	229.5	20.8	553	2	US-08-943-087-22
11	229.5	20.8	553	2	US-08-943-087-24
12	229.5	20.8	553	2	US-08-943-087-26
13	229.5	20.8	553	2	US-08-943-087-28
14	229.5	20.8	553	2	US-08-943-087-30
15	229.5	20.8	553	2	US-08-943-087-32
16	229.5	20.8	553	2	US-08-943-087-34
17	229.5	20.8	553	2	US-08-943-087-36
18	229.5	20.8	553	2	US-08-943-087-38
19	229.5	20.8	553	2	US-08-943-087-40
20	229.5	20.8	553	2	US-08-943-087-42
21	229.5	20.8	553	2	US-08-943-087-44
22	229.5	20.8	553	2	US-08-943-087-46
23	229.5	20.8	553	2	US-08-943-087-48
24	227.5	20.6	221	2	US-08-943-087-52
25	227.5	20.6	221	2	US-08-943-087-54
26	226.5	20.6	221	2	US-08-943-087-56
27	223.5	20.3	221	2	US-08-943-087-58

28	219.5	19.9	224	4	US-08-871-572B-11	Sequence 11, Appl
29	217	19.7	227	4	US-08-871-572B-14	Sequence 14, Appl
30	214	19.4	224	4	US-08-871-572B-9	Sequence 9, Appl
31	214	19.4	434	1	US-08-328-256-11	Sequence 11, Appl
32	214	19.4	436	2	US-08-307-568-2	Sequence 2, Appl
33	214	19.4	496	1	US-08-328-256-12	Sequence 12, Appl
34	214	19.4	557	1	US-08-328-256-10	Sequence 10, Appl
35	214	19.4	557	1	US-08-471-454-2	Sequence 2, Appl
36	214	19.4	557	2	US-08-466-974-2	Sequence 2, Appl
37	214	19.4	557	2	US-08-471-453-2	Sequence 2, Appl
38	214	19.4	557	2	US-08-307-568-4	Sequence 4, Appl
39	210.5	19.1	202	5	PCT-US94-14277-3	Sequence 3, Appl
40	210.5	19.1	226	4	US-08-871-572B-10	Sequence 10, Appl
41	208.5	18.9	224	4	US-08-871-572B-13	Sequence 13, Appl
42	175	15.9	258	4	US-08-871-572B-5	Sequence 5, Appl
43	175	15.9	337	4	US-08-871-572B-1	Sequence 1, Appl
44	175	15.9	337	4	US-08-871-572B-4	Sequence 4, Appl
45	173	15.7	337	5	PCT-US94-14277-8	Sequence 8, Appl

## ALIGNMENTS

RESULT 1  
US-08-683-743-4  
; Sequence 4, Application US/08683743  
; Patent No. 5843697  
; GENERAL INFORMATION:  
; APPLICANT: Pestka, Sidney  
; APPLICANT: Kotenko, Sergei  
; TITLE OF INVENTION: CYTOKINE RECEPTOR SIGNAL TRANSDUCTION  
; NUMBER OF SEQUENCES: 25  
; CHAIN  
; CORRESPONDENCE ADDRESSES:  
; ADDRESSER: David A. Jackson, Esq.  
; STREET: 411 Hackensack Ave, Continental Plaza, 4th  
; FLOOR  
; CITY: Hackensack  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07601  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/683,743  
; FILING DATE: 17-JUL-1996  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jackson Esq., David A.  
; REGISTRATION NUMBER: 26,742  
; REFERENCE/DOCKET NUMBER: 601-1-050  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 201-487-5800  
; TELEFAX: 201-343-1684  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 325 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; HYPOTHEICAL: NO  
; FRAGMENT TYPE:  
; US-08-683-743-4  
Query Match 100.0%; Score 1103; DB 2; Length 325;  
Best Local Similarity 100.0%; Pred. No. 4.3e-110;  
Matches 199; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 20 MYPPEVNRMSVNFKNILQWESPAFAKGNLTFTAQYLSYRIFQDKCNWTLTTCDFSSL 79  
Qy 61 SKYGDHTLRVRAEFADEHSDWYNITFCPVDDTIIGPPGMQVEVLADSLHMRFLAPKIENE 120  
Db 80 SKYGDHTLRVRAEFADEHSDWYNITFCPVDDTIIGPPGMQVEVLADSLHMRFLAPKIENE 139  
Qy 121 YETWTMKNVNSWTYNVQYWKNGTDEKFOITPOYDFEVLRLNLEPWTTCVQVRGFLPDRN 180  
Db 140 YETWTMKNVNSWTYNVQYWKNGTDEKFOITPOYDFEVLRLNLEPWTTCVQVRGFLPDRN 199  
Qy 181 KAGWSEPVCEQTHDETV 199  
Db 200 KAGWSEPVCEQTHDETV 218

## RESULT 2

US-08-871-572B-8  
; Sequence 8, Application US/08871572B  
; Patent No. 6287853  
; GENERAL INFORMATION:  
; APPLICANT: Pestka, Sidney  
; APPLICANT: Kotenko, Serguei  
; APPLICANT: Soh, Jaemog  
; APPLICANT: Donnelly, Robert  
; APPLICANT: Mariano, Thomas  
; APPLICANT: Cook, Jeffrey  
; APPLICANT: Emmanuel, Stuart  
; APPLICANT: Schwartz, Barbara  
; TITLE OF INVENTION: Accessory Factor for Interferon Gamma  
; TITLE OF INVENTION: and its Receptor  
; NUMBER OF SEQUENCES: 17  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Richard R. Muccino  
; STREET: 758 Springfield Avenue  
; CITY: Summit  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07901  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/871.572B  
; FILING DATE: 9-JUNE-1997  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Muccino, Richard R.  
; REGISTRATION NUMBER: 32,538  
; REFERENCE/DOCKET NUMBER: UMD1-011  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (908) 273-4988  
; TELEFAX: (908) 273-4679  
; INFORMATION FOR SEQ ID NO: 8:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 233 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: unknown  
; TOPOLOGY: unknown  
; MOLECULE TYPE: peptide  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
US-08-871-572B-8

Query Match 98.5%; Score 1087; DB 4; Length, 233;  
Best Local Similarity 99.0%; Pred. No. 1.4e-108;  
Matches 197; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 1 MYPPEVNRMSVNFKNILQWESPAFAKGNLTFTAQYLSYRIFQDKCNWTLTTCDFSSL 60  
Db 20 MYPPEVNRMSVNFKNILQWESPAFAKGNLTFTAQYLSYRIFQDKCNWTLTTCDFSSL 79

Qy 61 SKYGDHTLRVRAEFADEHSDWYNITFCPVDDTIIGPPGMQVEVLADSLHMRFLAPKIENE 120  
Db 80 SKYGDHTLRVRAEFADEHSDWYNITFCPVDDTIIGPPGMQVEVLADSLHMRFLAPKIENE 139  
Qy 121 YETWTMKNVNSWTYNVQYWKNGTDEKFOITPOYDFEVLRLNLEPWTTCVQVRGFLPDRN 180  
Db 140 YETWTMKNVNSWTYNVQYWKNGTDEKFOITPOYDFEVLRLNLEPWTTCVQVRGFLPDRN 199  
Qy 181 KAGWSEPVCEQTHDETV 199  
Db 200 KAGWSEPVCEQTHDETV 218

## RESULT 3

US-08-943-087-58  
; Sequence 58, Application US/08943087  
; Patent No. 5945511  
; GENERAL INFORMATION:  
; APPLICANT: Lok, Si  
; APPLICANT: Kno, Choon J.  
; APPLICANT: Jelmsberg, Anna C.  
; APPLICANT: Adams, Robyn L.  
; APPLICANT: Whitmore, Theodore E.  
; APPLICANT: Parrish, Theresa M.  
; TITLE OF INVENTION: CYTOKINE RECEPTOR  
; NUMBER OF SEQUENCES: 60  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: ZymoGenetics, Inc.  
; STREET: 1201 Eastlake Avenue East  
; CITY: Seattle  
; STATE: WA  
; COUNTRY: USA  
; ZIP: 98102  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSEQ for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/943,087  
; FILING DATE:  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/803,305  
; FILING DATE: 20-FEB-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Lunn, Paul G  
; REGISTRATION NUMBER: 32,743  
; REFERENCE/DOCKET NUMBER: 96-24C1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 206-442-6627  
; TELEFAX: 206-442-6678  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 58:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 221 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; FRAGMENT TYPE: internal  
US-08-943-087-58

Query Match 21.4%; Score 235.5; DB 2; Length 221;  
Best Local Similarity 29.9%; Pred No. 2e-17;  
Matches 64; Conservative 34; Mismatches 93; Indels 23; Gaps 6;  
Qy 2 VPPENVRMSVNFKNILQWESPAFAKG-NLFTTAQYLSYR----IFQDKCNWTLTTCED 56  
Db 8 LPKPANITFLSINMKNVLOWTPPEGLQGVKVTYQYFYIGKWLKSDCRNIRTYCD 67  
Qy 57 FSSLSKYGDHT--LRVRAEFADEHSDWYNI--TFCPVDDTIIGPPGMQVEVLADSLHMRFL 113

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OM protein - protein search, using sw model

Run on: January 13, 2003, 15:28:46 ; Search time 6.07277 Seconds

(without alignments)  
1359.147 Million cell updates/sec

Title: US-09-728-911-35

Perfect score: 1103  
Sequence: 1 MPPPPNNRNNNSVNFNNILQ.....NRAGSESVCEQTHDETV 199

Scoring table: BLOSUM62  
Gapop 10.0, Gapext 0.5

Searched: 112892 seqs, 41476328 residues

Number of hits satisfying chosen parameters: 112892

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 45 summaries

Database: SwissProt\_40:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1103	100.0	325	1105_HUMAN	Q08334 homo sapien
2	854	77.4	349	1105_MOUSE	Q61190 mus musculu
3	221	20.0	560	INRI_BOVIN	Q04790 bos taurus
4	219.5	19.9	590	INRI_MOUSE	P33896 mus musculu
5	214	19.4	557	INRI_HUMAN	P17181 homo sapien
6	209	18.9	560	INRI_SHEEP	Q28589 ovis aries
7	175	15.9	337	INGS_HUMAN	P38484 homo sapien
8	128	11.6	292	TF_BOVIN	P30931 bos taurus
9	127.5	11.6	292	TF_MOUSE	P24055 ovicoliagus
10	126	11.4	294	TF_MOUSE	P20352 mus musculu
11	126	11.4	489	INGR_HUMAN	P15260 homo sapien
12	119	10.8	489	TF_CAVPO	Q91108 cavia porce
13	114.5	10.4	295	110R_HUMAN	P13726 homo sapien
14	107.5	9.7	578	110R_HUMAN	P13726 homo sapien
15	105.5	9.6	295	TF_MOUSE	P42533 rattus norv
16	102.5	9.3	477	INGR_MOUSE	P15261 mus musculu
17	97.5	8.8	575	110R_MOUSE	Q92859 mus musculu
18	96.5	8.7	1461	NEOI_HUMAN	Q92859 mus musculu
19	95.5	8.7	316	RAM2_YEAST	P29703 saccharomyc
20	92.5	8.5	1377	NEOI_RAT	P97768 mus musculu
21	92.5	8.4	1493	NEOI_MOUSE	Q28992 ovicoliagus
22	91.5	8.3	639	CA1C_RABIT	P32927 homo sapien
23	91.5	8.3	897	CTRB_HUMAN	P48551 homo sapien
24	90.5	8.2	515	INR2_HUMAN	Q90847 mus musculu
25	90.5	8.2	3063	CA1C_HUMAN	Q90847 mus musculu
26	89.5	8.1	581	CA1C_MOUSE	Q65551 ovis aries
27	89.5	8.1	918	PRIR_SHEEP	P40189 homo sapien
28	89.5	8.1	918	116B_HUMAN	P29317 homo sapien
29	88	8.0	976	EPB2_HUMAN	Q03145 mus musculu
30	88	8.0	1109	CSAA_BACIF	Q9X662 bacillus th
31	88	8.0	1443	NEOI_CHICK	Q90610 gallus gall
32	88	8.0	1443	1	Q02858 mus musculu
33	87	7.9	1122	TIE2_MOUSE	

## ALIGNMENTS

RESULT 1  
ID 1105\_HUMAN STANDARD; PRT; 325 AA.  
AC Q08334;  
DT 01-FEB-1995 (Rel. 31, Created)  
DT 01-FEB-1995 (Rel. 31, Last sequence update)  
DT 15-JUN-2002 (Rel. 41, Last annotation update)  
DE Interleukin-10 receptor beta chain precursor (IL-10R-B) (IL-10R2)  
DE (Cytokine receptor class-II CRF2-4).  
GN IL10RB OR CRFB4.  
OS Homo sapiens (Human).  
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
OC Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
OX NCBI\_Taxid=9606;  
RN [1]  
RP SEQUENCE FROM N.A.  
RC TISSUE=Fetal brain;  
RX MEDLINE=93300510; PubMed=8314576;  
RA Lutfalla G., Gardiner K., Uze G.;  
RT "A new member of the cytokine receptor gene family maps on chromosome  
RT 21 at less than 35 kb from IFNAR."  
RL Genomics 16:366-373 (1993).  
RN [2]  
RP SEQUENCE FROM N.A.  
RX MEDLINE=96054036; PubMed=7563119;  
RA Lutfalla G., McIntus W.G., Antonarakis S.E., Uze G.;  
RT "Structure of the human CRFB4 gene: comparison with its IFNAR  
RT neighbor."  
RL J. Mol. Evol. 41:338-344 (1995).  
RN [3]  
RP CHARACTERIZATION.  
RX MEDLINE=9745974; PubMed=9312047;  
RA Kozenko S.V., Krause C.D., Izotova L.S., Pollack B.P., Wu W.,  
RA Pestka S.;  
RT "Identification and functional characterization of a second chain of  
RT the interleukin-10 receptor complex."  
RL EMBO J. 16:5894-5903 (1997).  
RN [4]  
RP CHARACTERIZATION.  
RX MEDLINE=20469498; PubMed=10875937;  
RA Xie W.-H., Aggarwal S., Ho W.-H., Foster J., Zhang Z., Stinson J.,  
RA Wood W.I., Goddard A.D., Gurney A.L.;  
RT "Interleukin (IL)-22, a novel human cytokine that signals through the  
RT interferon receptor-related proteins CRF2-4 and IL-22R."  
RL J. Biol. Chem. 275:31335-31339 (2000).  
RN [5]  
RP FUNCTION: RECEPTOR FOR IL-10 AND IL-22. SERVES AS AN ACCESSORY  
RP CHAIN ESSENTIAL FOR THE ACTIVE IL-10 RECEPTOR COMPLEX AND TO  
RP INITIATE IL-10-INDUCED SIGNAL TRANSDUCTION EVENTS.  
RN [6]  
RP SUBCELLULAR LOCATION: Type I membrane protein.  
RN [7]  
RP SIMILARITY: CONTAINS 2 FIBRONECTIN TYPE III-LIKE DOMAINS.  
RN [8]  
RP SIMILARITY: BELONGS TO THE CLASS II CYTOKINE FAMILY OF RECEPTORS.  
RN [9]  
RP This SWISS-PROT entry is copyright. It is produced through a collaboration  
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RN the European Bioinformatics Institute. There are no restrictions on its  
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CC -----  
 DR EMBL; Z17227; CAA78933.1; -;  
 DR EMBL; U08988; AAA86872.1; -;  
 DR PIR; A47003; A47003.  
 DR HSP; P13726; LTFH.  
 DR Genew; HGNC:5965; IL10RB.  
 DR MIM; 123889; -;  
 DR InterPro; IPR000282; Cytok\_receptor\_2.  
 DR InterPro; IPR001187; Tissue\_factor.  
 DR Pfam; PF01108; Tissue\_fac; 1.  
 KW Receptor; Transmembrane; Glycoprotein; Signal.  
 FT SIGNAL 1 39  
 FT CHAIN 20 325  
 FT DOMAIN 20 220  
 FT TRANSMEM 221 242  
 FT DOMAIN 243 325  
 FT DOMAIN 113 205  
 FT DISULFID 66 74  
 FT DISULFID 188 209  
 FT CARBOHYD 49 49  
 FT CARBOHYD 68 68  
 FT CARBOHYD 102 102  
 FT CARBOHYD 161 161  
 FT CARBOHYD 124 124  
 FT CONFLICT 269 273  
 FT CONFLICT 274 325  
 SQ SEQUENCE 325 AA; 37011 MW; 66706C79F8514B23 CRC64;

Query Match 100.0%; Score 1103; DB 1; Length 325;  
 Best Local Similarity 100.0%; Pred. No. 2.7e-94; Indels 0; Gaps 0;  
 Matches 199; Conservative 0; Mismatches 0;

QY 1 MVPPPENVRMNSVNFKNILQWESPAPAFKGNLTFTAQYLSYRIFQDKCMNTTLTECDFSSL 60  
 DB 20 MVPPPENVRMNSVNFKNILQWESPAPAFKGNLTFTAQYLSYRIFQDKCMNTTLTECDFSSL 79  
 QY 61 SKYGDHTLRVRAEFADEHSDWNITFCPVDDTTIIGPPGMQVEVLADSLHMRFLAPKIENE 120  
 DB 80 SKYGDHTLRVRAEFADEHSDWNITFCPVDDTTIIGPPGMQVEVLADSLHMRFLAPKIENE 139  
 QY 121 YETWTMKNVNSVNTYVQWKGNTDEKFOITPQYDFEVLRLNLEPWTTCVQVRGFLPDRN 180  
 DB 140 YETWTMKNVNSVNTYVQWKGNTDEKFOITPQYDFEVLRLNLEPWTTCVQVRGFLPDRN 199  
 QY 181 KAGWSEPVCEQTHDET 199  
 DB 200 KAGWSEPVCEQTHDET 218

RESULT 2  
 ID IL10S MOUSE STANDARD; PRT; 349 AA.  
 AC Q61130;  
 DT 16-OCT-2001 (Rel. 40, Created)  
 DT 16-OCT-2001 (Rel. 40, Last sequence update)  
 DT 15-JUN-2002 (Rel. 41, Last annotation update)  
 DE Interleukin-10 receptor beta chain precursor (IL-10R-B) (IL-10R2)  
 DE (Cytokine receptor class-II CRF2-4).  
 GN IL10RB OR CRF2-4.  
 OS Mus musculus (Mouse).  
 OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 OC Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.  
 OX NCBI\_TaxID=10090;  
 RN [1]  
 RP SEQUENCE FROM N.A.  
 RA MEDLINE=97199375; PubMed=9047351;  
 RX Gibbs V.C., Pennica D.;  
 RT "CRF2-4: Isolation of cDNA clones encoding the human and mouse  
 proteins.";  
 RL Gene 186:97-101(1997).

RN CHARACTERIZATION.  
 RP MEDLINE=98130620; PubMed=9463407;  
 RX Spencer S.D., Di Marco F., Hooley J., Pitts-Meek S., Bauer M.,  
 RA Ryan A.M., Sordat B., Gibbs V.C., Aguet M.;  
 RT "The orphan receptor CRF2-4 is an essential subunit of the interleukin  
 RT 10 receptor.";  
 RL J. Exp. Med. 187:571-578(1998).  
 CC -!- FUNCTION: RECEPTOR FOR IL-10 AND IL-22. SERVES AS AN ACCESSORY  
 CC CHAIN ESSENTIAL FOR THE ACTIVE IL-10 RECEPTOR COMPLEX AND TO  
 CC INITIATE IL-10-INDUCED SIGNAL TRANSDUCTION EVENTS.  
 CC -!- SUBCELLULAR LOCATION: Type I membrane protein.  
 CC -!- SIMILARITY: CONTAINS 2 FIBRONECTIN TYPE III-LIKE DOMAINS.  
 CC -!- SIMILARITY: BELONGS TO THE CLASS II CYTOKINE FAMILY OF RECEPTORS.  
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 CC or send an email to [license@isb-sib.ch](mailto:license@isb-sib.ch)).

EMBL; U53696; AAC53062.1; -;  
 MGD; MGI:103380; Il10rb.  
 DR InterPro; IPR000282; Cytok\_receptor\_2.  
 DR InterPro; IPR003961; FN\_III.  
 DR SMART; SM00060; FN3; 1.  
 KW Receptor; Transmembrane; Glycoprotein; Signal.  
 FT SIGNAL 1 19  
 FT CHAIN 20 349  
 FT DOMAIN 20 220  
 FT TRANSMEM 221 241  
 FT DOMAIN 242 349  
 FT DOMAIN 113 205  
 FT DISULFID 66 74  
 FT DISULFID 188 209  
 FT CARBOHYD 49 49  
 FT CARBOHYD 102 102  
 FT CARBOHYD 161 161  
 FT CARBOHYD 199 199  
 SQ SEQUENCE 349 AA; 39774 MW; 58BA4F6B86330A39 CRC64;

Query Match 77.4%; Score 854; DB 1; Length 349;  
 Best Local Similarity 75.1%; Pred. No. 2.3e-71;  
 Matches 148; Conservative 23; Mismatches 26; Indels 0; Gaps 0;

QY 1 MVPPPENVRMNSVNFKNILQWESPAPAFKGNLTFTAQYLSYRIFQDKCMNTTLTECDFSSL 60  
 DB 20 MIPPEKVRMNSVNFKNILQWESPAPAFKGNLTFTAQYLSYRIFQDKCMNTTLTECDFSSL 79  
 QY 61 SKYGDHTLRVRAEFADEHSDWNITFCPVDDTTIIGPPGMQVEVLADSLHMRFLAPKIENE 120  
 DB 80 SKYGDHTLRVRAEFADEHSDWNITFCPVDDTTIIGPPGMQVEVLADSLHMRFLAPKIENE 139  
 QY 121 YETWTMKNVNSVNTYVQWKGNTDEKFOITPQYDFEVLRLNLEPWTTCVQVRGFLPDRN 180  
 DB 140 PETWTLKNIYDSWAYRYVQWKGNTNEKFWQSPYDSEVLRLNLEPWTTCVQVRGFLPDRN 199  
 QY 181 KAGWSEPVCEQTHDET 197  
 DB 200 RTGENSEPICERTGND 216

RESULT 3  
 ID INR1 BOVIN STANDARD; PRT; 560 AA.  
 AC Q04730;  
 DT 01-OCT-1993 (Rel. 27, Created)  
 DT 01-FEB-1994 (Rel. 28, Last sequence update)  
 DT 01-NOV-1997 (Rel. 35, Last annotation update)  
 DE Interferon-alpha/beta receptor alpha chain precursor (IFN-alpha-REC).  
 GN IFNAR1 OR IFNAR.

GenCore version 5.1.3  
Copyright (c) 1993 - 2003 Compugen Ltd.

OM protein - protein search, using sw model

Run on: January 13, 2003, 15:31:40 ; Search time 6.30634 Seconds

(without alignments)  
612.211 Million cell updates/sec

Title: US-09-728-911-35

Perfect score: 1103

Sequence: 1 MVPPENRNMNSVNFKNILQ.....NKAGEWSEPCVCEQTHDETIV 199

Scoring table: BLOSUM62

Searched: 118974 seqs, 19401057 residues

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Result No.	Score	Query Match	Length	ID	Description
1	1103	100.0	199	US-09-728-911-35	Sequence 35, Appl
2	1103	100.0	325	US-10-066-500-137	Sequence 137, App
3	1103	100.0	325	US-09-870-574-3	Sequence 3, Appl
4	1103	100.0	325	US-09-949-192-5	Sequence 5, Appl
5	1103	100.0	325	US-10-052-586-390	Sequence 390, App
6	263	22.3	47	US-09-864-761-37770	Sequence 37770, A
7	246	22.3	43	US-09-864-761-34075	Sequence 34075, A
8	229.5	20.8	217	US-09-746-359A-55	Sequence 55, Appl
9	229.5	20.8	221	US-09-746-359A-12	Sequence 12, Appl
10	229.5	20.8	542	US-10-028-072-188	Sequence 188, App
11	229.5	20.8	542	US-10-052-586-398	Sequence 398, App
12	229.5	20.8	547	US-09-746-359A-54	Sequence 54, Appl
13	229.5	20.8	553	US-09-949-192-7	Sequence 11, Appl
14	229.5	20.8	553	US-09-746-359A-11	Sequence 11, Appl
15	229.5	20.8	571	US-09-746-359A-53	Sequence 53, Appl
16	228.5	20.7	207	US-09-746-359A-65	Sequence 65, Appl
17	228.5	20.7	214	US-09-746-359A-63	Sequence 63, Appl
18	228.5	20.7	559	US-09-746-359A-62	Sequence 62, Appl
19	228.5	20.7	594	US-09-746-359A-23	Sequence 23, Appl

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

20 228 20.7 39 10 US-09-864-761-34095 Sequence 34095, A

21 215 19.5 575 10 US-09-925-300-1672 Sequence 1672, Ap

22 214 19.4 436 10 US-09-240-675-2 Sequence 2, Appl

23 214 19.4 557 10 US-09-240-675-4 Sequence 4, Appl

24 208 18.9 37 10 US-09-864-761-34076 Sequence 34076, A

25 203 18.4 40 10 US-09-864-761-34076 Sequence 34076, A

26 192.5 17.5 217 10 US-09-746-359A-38 Sequence 38, Appl

27 192.5 17.5 514 10 US-09-746-359A-39 Sequence 39, Appl

28 192.5 17.5 546 10 US-09-746-359A-37 Sequence 37, Appl

29 168.5 15.3 230 10 US-09-728-911-13 Sequence 13, Appl

30 168.5 15.3 231 10 US-09-728-911-12 Sequence 12, Appl

31 168.5 15.3 231 10 US-09-949-192-6 Sequence 6, Appl

32 162 14.7 307 10 US-09-746-359A-58 Sequence 58, Appl

33 162 14.7 336 10 US-09-746-359A-57 Sequence 57, Appl

34 158 14.3 308 9 US-09-912-672A-23 Sequence 23, Appl

35 155 14.1 201 9 US-09-912-672A-16 Sequence 16, Appl

36 155 14.1 201 10 US-09-746-359A-59 Sequence 59, Appl

37 155 14.1 203 10 US-09-746-359A-15 Sequence 15, Appl

38 155 14.1 282 9 US-09-912-672A-15 Sequence 15, Appl

39 155 14.1 311 9 US-09-978-295A-352 Sequence 352, App

40 155 14.1 311 9 US-09-992-598-183 Sequence 183, App

41 155 14.1 311 9 US-09-912-672A-12 Sequence 12, Appl

42 155 14.1 311 9 US-09-978-597-352 Sequence 352, App

43 155 14.1 311 9 US-09-978-192A-352 Sequence 352, App

44 155 14.1 311 9 US-09-989-293A-183 Sequence 183, App

45 155 14.1 311 9 US-09-989-735-183 Sequence 183, App

## ALIGNMENTS

RESULT 1

US-09-728-911-35

Sequence 35, Application US/09728911

Patent No. US20020012669A1

GENERAL INFORMATION:

APPLICANT: Prenell, Scott R.

APPLICANT: Xu, Wenfeng

APPLICANT: Kindsvogel, Wayne

APPLICANT: Chen, Zhi

TITLE OF INVENTION: Human Cytokine Receptor

FILE REFERENCE: 99-93

CURRENT APPLICATION NUMBER: US/09/728, 911

CURRENT FILING DATE: 2000-12-01

PRIOR APPLICATION NUMBER: US 60/169, 049

PRIOR FILING DATE: 1999-12-03

PRIOR APPLICATION NUMBER: US 60/232, 219

PRIOR FILING DATE: 2000-09-13

PRIOR APPLICATION NUMBER: US 60/244, 610

PRIOR FILING DATE: 2000-10-31

NUMBER OF SEQ ID NOS: 36

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 35

LENGTH: 199

TYPE: PRT

ORGANISM: Homo sapiens

US-09-728-911-35

Query Match 100.0%; Score 1103; DB 10; Length 199;

Best Local Similarity 100.0%; Pred. No. 2.3e-101;

Matches 199; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MVPPENRNMNSVNFKNILQWESPFAKNTLFTAQVLSYRIFQDKCMNTTLTECPSSL 60

DB 1 MVPPENRNMNSVNFKNILQWESPFAKNTLFTAQVLSYRIFQDKCMNTTLTECPSSL 60

QY 61 SKYGHHTLRVREPEDESDWNTTFCVDDTITGPGCKQVYVLAADSHRPLAKTENE 120

DB 61 SKYGHHTLRVREPEDESDWNTTFCVDDTITGPGCKQVYVLAADSHRPLAKTENE 120

QY 121 YETWTKVNVSWITVNVQVYKNGTDEKFOITPOYDFEVLRLLEFWTTCVQVGFLEPDRN 180

DB 121 YETWTKVNVSWITVNVQVYKNGTDEKFOITPOYDFEVLRLLEFWTTCVQVGFLEPDRN 180

QY 181 KAGWSEPVCSQTHDET 199  
Db 181 KAGWSEPVCSQTHDET 199

## RESULT 2

US-10-066-500-137  
; Sequence 137, Application US/10066500  
; Patent No. US20020177165A1  
; GENERAL INFORMATION:  
; APPLICANT: Avi J. Ashkenazi  
; APPLICANT: Kevin P. Baker  
; APPLICANT: David A. Botstein  
; APPLICANT: Luc Desnoyers  
; APPLICANT: Dan L. Eaton  
; APPLICANT: Sherman Fong  
; APPLICANT: Wei-Qiang Gao  
; APPLICANT: Hanspeter Gerber  
; APPLICANT: Mary E. Gerritsen  
; APPLICANT: Audrey Goddard  
; APPLICANT: Paul J. Godowski  
; APPLICANT: Austin L. Gurney  
; APPLICANT: Ivar J. Kijavini  
; APPLICANT: Jennie P. Macher  
; APPLICANT: Mary A. Napier  
; APPLICANT: James Pan  
; APPLICANT: Nicholas F. Paoni  
; APPLICANT: Margaret Ann Roy  
; APPLICANT: Timothy A. Stewart  
; APPLICANT: Daniel Tumas  
; APPLICANT: Colin K. Watanabe  
; APPLICANT: P. Mickey Williams  
; APPLICANT: William I. Wood  
; APPLICANT: Zemin Zang  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3130RIC7  
; CURRENT APPLICATION NUMBER: US/10/066,500  
; PRIOR FILING DATE: 2002-02-01  
; PRIOR APPLICATION NUMBER: 10/002,796  
; PRIOR FILING DATE: 2001-11-15  
; PRIOR APPLICATION NUMBER: 60/056974  
; PRIOR FILING DATE: 1997-08-26  
; PRIOR APPLICATION NUMBER: 60/059115  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059263  
; PRIOR FILING DATE: 1997-09-18  
; PRIOR APPLICATION NUMBER: 60/059588  
; PRIOR FILING DATE: 1997-09-17  
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; PRIOR FILING DATE: 1997-10-24  
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; PRIOR APPLICATION NUMBER: 60/069694  
; PRIOR FILING DATE: 1997-12-16  
; PRIOR APPLICATION NUMBER: 60/074086  
; PRIOR FILING DATE: 1998-02-09  
; PRIOR APPLICATION NUMBER: 60/074092  
; PRIOR FILING DATE: 1998-02-09  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25

; PRIOR APPLICATION NUMBER: 60/081049  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/095998  
; PRIOR FILING DATE: 1998-08-10  
; PRIOR APPLICATION NUMBER: 60/097000  
; PRIOR FILING DATE: 1998-08-18  
; PRIOR APPLICATION NUMBER: 60/099601  
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; PRIOR FILING DATE: 1999-03-23  
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; PRIOR FILING DATE: 1999-06-15  
; PRIOR APPLICATION NUMBER: 60/145070  
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; PRIOR APPLICATION NUMBER: 60/145698  
; PRIOR FILING DATE: 1999-07-26  
; PRIOR APPLICATION NUMBER: 60/149396  
; PRIOR FILING DATE: 1999-08-17  
; PRIOR APPLICATION NUMBER: 60/169495  
; PRIOR FILING DATE: 1999-12-07  
; PRIOR APPLICATION NUMBER: 08/918874  
; PRIOR FILING DATE: 1997-08-26  
; PRIOR APPLICATION NUMBER: 08/933821  
; PRIOR FILING DATE: 1997-09-19  
; PRIOR APPLICATION NUMBER: 08/960507  
; PRIOR FILING DATE: 1997-10-29  
; PRIOR APPLICATION NUMBER: 09/114844  
; PRIOR FILING DATE: 1998-07-14  
; PRIOR APPLICATION NUMBER: 09/136801  
; PRIOR FILING DATE: 1998-08-19  
; PRIOR APPLICATION NUMBER: 09/136804  
; PRIOR FILING DATE: 1998-08-19  
; PRIOR APPLICATION NUMBER: 09/136828  
; PRIOR FILING DATE: 1998-08-19  
; PRIOR APPLICATION NUMBER: 09/158342  
; PRIOR FILING DATE: 1998-09-21  
; PRIOR APPLICATION NUMBER: 09/180997  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 09/202088  
; PRIOR FILING DATE: 1998-12-08  
; PRIOR APPLICATION NUMBER: 09/254311  
; PRIOR FILING DATE: 1999-03-03  
; PRIOR APPLICATION NUMBER: 09/254460  
; PRIOR FILING DATE: 1999-03-09  
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; PRIOR FILING DATE: 1999-03-05  
; PRIOR APPLICATION NUMBER: 09/284663  
; PRIOR FILING DATE: 1999-04-15  
; PRIOR APPLICATION NUMBER: 09/332928  
; PRIOR FILING DATE: 1999-06-14  
; PRIOR APPLICATION NUMBER: 09/332929  
; PRIOR FILING DATE: 1999-06-14  
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; PRIOR FILING DATE: 1999-06-14  
; PRIOR APPLICATION NUMBER: 09/333077  
; PRIOR FILING DATE: 1999-06-14  
; PRIOR APPLICATION NUMBER: 09/380137  
; PRIOR FILING DATE: 1999-08-25  
; PRIOR APPLICATION NUMBER: 09/380138

PRIOR FILING DATE: 1999-08-25  
PRIOR APPLICATION NUMBER: 09/380139  
PRIOR FILING DATE: 1999-08-25  
PRIOR APPLICATION NUMBER: 09/403296  
PRIOR FILING DATE: 1999-10-18  
PRIOR APPLICATION NUMBER: 09/403297  
PRIOR FILING DATE: 1999-10-18  
PRIOR APPLICATION NUMBER: 09/423741  
PRIOR FILING DATE: 1999-11-10  
PRIOR APPLICATION NUMBER: 09/423844  
PRIOR FILING DATE: 1999-11-12  
PRIOR APPLICATION NUMBER: 09/522342  
PRIOR FILING DATE: 2000-03-09  
PRIOR APPLICATION NUMBER: 09/548815  
PRIOR FILING DATE: 2000-04-13  
PRIOR APPLICATION NUMBER: 09/664610  
PRIOR FILING DATE: 2000-09-18  
PRIOR APPLICATION NUMBER: 09/665350  
PRIOR FILING DATE: 2000-09-18  
PRIOR APPLICATION NUMBER: 09/709238  
PRIOR FILING DATE: 2000-11-08  
PRIOR APPLICATION NUMBER: 09/767609  
PRIOR FILING DATE: 2001-01-22  
PRIOR APPLICATION NUMBER: 09/802706  
PRIOR FILING DATE: 2001-03-09  
PRIOR APPLICATION NUMBER: 09/808689  
PRIOR FILING DATE: 2001-03-14  
PRIOR APPLICATION NUMBER: 09/866028  
PRIOR FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: 09/870574  
PRIOR FILING DATE: 2001-05-30  
PRIOR APPLICATION NUMBER: 09/872035  
PRIOR FILING DATE: 2001-06-01  
PRIOR APPLICATION NUMBER: 09/886342  
PRIOR FILING DATE: 2001-06-19  
PRIOR APPLICATION NUMBER: PCT/US98/14552  
PRIOR FILING DATE: 1998-07-14  
PRIOR APPLICATION NUMBER: PCT/US98/18824  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: PCT/US98/19093  
PRIOR FILING DATE: 1998-09-14  
PRIOR APPLICATION NUMBER: PCT/US98/19330  
PRIOR FILING DATE: 1998-09-16  
PRIOR APPLICATION NUMBER: PCT/US98/19437  
PRIOR FILING DATE: 1998-09-17  
PRIOR APPLICATION NUMBER: PCT/US98/24855  
PRIOR FILING DATE: 1998-11-20  
PRIOR APPLICATION NUMBER: PCT/US98/25108  
PRIOR FILING DATE: 1998-12-01  
PRIOR APPLICATION NUMBER: PCT/US98/25190  
PRIOR FILING DATE: 1998-11-25  
PRIOR APPLICATION NUMBER: PCT/US99/05028  
PRIOR FILING DATE: 1999-03-08  
PRIOR APPLICATION NUMBER: PCT/US99/12252  
PRIOR FILING DATE: 1999-06-02  
PRIOR APPLICATION NUMBER: PCT/US99/20111  
PRIOR FILING DATE: 1999-09-01  
PRIOR APPLICATION NUMBER: PCT/US99/20594  
PRIOR FILING DATE: 1999-09-08  
PRIOR APPLICATION NUMBER: PCT/US99/21090  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/21547

Query Match 100.0%; Score 1103; DB 9; Length 325;  
Best Local Similarity 100.0%; Pred. No. 4.1e-101;  
Matches 199; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MWPPEPVNRNMSVNFKNILQWESPAPAKNLTFTAOYLSYRIFQDKCMNTLTTECDPSSL 60  
DB 20 MWPPEPVNRNMSVNFKNILQWESPAPAKNLTFTAOYLSYRIFQDKCMNTLTTECDPSSL 79  
QY 61 SKYGDHILRVARAFADSHSDWVNITFCPVDDTIIGPGMQVEVLADSLHMRFLAPKIENE 120

QY 1 MWPPEPVNRNMSVNFKNILQWESPAPAKNLTFTAOYLSYRIFQDKCMNTLTTECDPSSL 60  
DB 20 MWPPEPVNRNMSVNFKNILQWESPAPAKNLTFTAOYLSYRIFQDKCMNTLTTECDPSSL 79  
QY 61 SKYGDHILRVARAFADSHSDWVNITFCPVDDTIIGPGMQVEVLADSLHMRFLAPKIENE 120

DB 80 SKYGDHILRVARAFADSHSDWVNITFCPVDDTIIGPGMQVEVLADSLHMRFLAPKIENE 139  
QY 121 YETWTMKVNVSWTYNOYWMKNGTDEKFOITPOYDFEVLNLBEMPTTYCVQVGFILPDRN 180  
DB 140 YETWTMKVNVSWTYNOYWMKNGTDEKFOITPOYDFEVLNLBEMPTTYCVQVGFILPDRN 199  
QY 181 KAGWSEPVCEQTHDETV 199  
DB 200 KAGWSEPVCEQTHDETV 218

RESULT 3  
US-09-574-3  
Sequence 3, Application US/09870574  
Patent No. US2002010273A1  
GENERAL INFORMATION:  
APPLICANT: Gurney, Austin L.  
APPLICANT: Aggarwal, Sudeepa  
APPLICANT: Xie, Ming-Hong  
APPLICANT: Matuoka, Ellen M.  
APPLICANT: Foster, Jessica S.  
APPLICANT: Goddard, Audrey I.  
TITLE OF INVENTION: INTERLEUKIN-22 POLYPEPTIDES, NUCLEIC ACIDS ENCODING  
TITLE OF INVENTION: THE SAME AND METHODS FOR THE TREATMENT OF PANCREATIC DISORDERS  
FILE REFERENCE: P2806-1(US)  
CURRENT APPLICATION NUMBER: US/09/870,574  
PRIOR FILING DATE: 2001-05-30  
PRIOR APPLICATION NUMBER: US 60/169,495  
PRIOR FILING DATE: 1999-12-07  
PRIOR APPLICATION NUMBER: PCT/US00/14042  
PRIOR FILING DATE: 2000-05-22  
PRIOR APPLICATION NUMBER: PCT/US00/23328  
PRIOR FILING DATE: 2000-08-24  
NUMBER OF SEQ ID NOS: 7  
SEQ ID NO 3  
LENGTH: 325  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-09-870-574-3

Query Match 100.0%; Score 1103; DB 10; Length 325;  
Best Local Similarity 100.0%; Pred. No. 4.1e-101;  
Matches 199; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MWPPEPVNRNMSVNFKNILQWESPAPAKNLTFTAOYLSYRIFQDKCMNTLTTECDPSSL 60  
DB 20 MWPPEPVNRNMSVNFKNILQWESPAPAKNLTFTAOYLSYRIFQDKCMNTLTTECDPSSL 79  
QY 61 SKYGDHILRVARAFADSHSDWVNITFCPVDDTIIGPGMQVEVLADSLHMRFLAPKIENE 120  
DB 80 SKYGDHILRVARAFADSHSDWVNITFCPVDDTIIGPGMQVEVLADSLHMRFLAPKIENE 139  
QY 121 YETWTMKVNVSWTYNOYWMKNGTDEKFOITPOYDFEVLNLBEMPTTYCVQVGFILPDRN 180  
DB 140 YETWTMKVNVSWTYNOYWMKNGTDEKFOITPOYDFEVLNLBEMPTTYCVQVGFILPDRN 199  
QY 181 KAGWSEPVCEQTHDETV 199  
DB 200 KAGWSEPVCEQTHDETV 218

RESULT 4  
US-09-949-192-5  
Sequence 5, Application US/09949192  
Patent No. US20020142292A1  
GENERAL INFORMATION:  
APPLICANT: Parham, Christi L.  
APPLICANT: Gorman, Daniel L.  
APPLICANT: Kurata, Hirokazu  
APPLICANT: Arai, Naoko  
APPLICANT: Sana, Theodore R.  
APPLICANT: Mattson, Jeanine D.

APPLICANT: Zhang, zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC



PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083499  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083559  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083666  
PRIOR FILING DATE: 1998-05-05  
PRIOR APPLICATION NUMBER: 60/084414  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084639  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084640  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084643  
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PRIOR FILING DATE: 1998-05-15  
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PRIOR APPLICATION NUMBER: 60/085580  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085582  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085700  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/086023  
PRIOR FILING DATE: 1998-05-18  
PRIOR APPLICATION NUMBER: 60/086392  
PRIOR FILING DATE: 1998-05-22  
PRIOR APPLICATION NUMBER: 60/086486  
PRIOR FILING DATE: 1998-05-22  
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PRIOR APPLICATION NUMBER: 60/087609  
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PRIOR FILING DATE: 1998-06-04  
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PRIOR APPLICATION NUMBER: 60/088740  
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PRIOR FILING DATE: 1998-06-10

PRIOR APPLICATION NUMBER: 60/088826  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088861  
PRIOR FILING DATE: 1998-06-11  
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PRIOR FILING DATE: 1998-06-11  
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PRIOR FILING DATE: 1998-06-12  
PRIOR APPLICATION NUMBER: 60/089512  
PRIOR FILING DATE: 1998-06-16  
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PRIOR FILING DATE: 1998-06-16  
PRIOR APPLICATION NUMBER: 60/089538  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089598  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089653  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089908

Query Match 100.0%; Score 1103; DB 12; Length 325;  
Best Local Similarity 100.0%; Pred. No. 4, 1e-101; Indels 0; Gaps 0;  
Matches 199; Conservative 0; Mismatches 0;

Qy 1 MPPPEYRKNNSVNPKNILQWESPAPAKNLTFTAYLSYRIFODKCMNTTLTECFSSL 60  
Db 20 MPPPEYRKNNSVNPKNILQWESPAPAKNLTFTAYLSYRIFODKCMNTTLTECFSSL 79  
Qy 61 SKYGDHTLRVAEFADESHDWNITFCVDDTIIIGPGMVEVLADSLHMRFLAPRIENE 120  
Db 80 SKYGDHTLRVAEFADESHDWNITFCVDDTIIIGPGMVEVLADSLHMRFLAPRIENE 139  
Qy 121 YETWTMKRVNNSWYTNQYMKNGDKFQITPQYDFEVLNLEPMTTTCVQVNGFLPDRN 180  
Db 140 YETWTMKRVNNSWYTNQYMKNGDKFQITPQYDFEVLNLEPMTTTCVQVNGFLPDRN 199  
Qy 181 KAGWSEFVCEQTTTDETV 199  
Db 200 KAGWSEFVCEQTTTDETV 218

RESULT 6  
US-09-864-761-77720  
Sequence 37720, Application US/09864761  
Patent No. US20020048763A1  
GENERAL INFORMATION:  
APPLICANT: Penn, Sharon G.  
APPLICANT: Rank, David R.  
APPLICANT: Hanzel, David K.  
APPLICANT: Chen, Wensheng  
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR  
FILE REFERENCE: Aecm1ca-X-1  
CURRENT APPLICATION NUMBER: US/09/864,761  
CURRENT FILING DATE: 2001-05-23  
PRIOR APPLICATION NUMBER: US 60/180,312  
PRIOR FILING DATE: 2000-02-04  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: US 09/632,366  
PRIOR FILING DATE: 2000-08-03  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 09/608,408  
; PRIOR FILING DATE: 2000-06-30  
; PRIOR APPLICATION NUMBER: US 09/774,203  
; PRIOR FILING DATE: 2001-01-29  
; NUMBER OF SEQ ID NOS: 49117  
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1  
; SEQ ID NO 37720  
; LENGTH: 47  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: MAP TO AF00044.1  
; OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 0.87  
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.99  
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 0.75  
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.1  
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.88  
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.1  
; OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 1.2  
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.79  
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.97  
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 0.82  
; OTHER INFORMATION: SWISSPROT HIT: Q08334, EVALUE 4.00e-24  
; OTHER INFORMATION: EST\_HUMAN HIT: BE27292.1, EVALUE 4.00e-23  
US-09-864-761-37720

Query Match 23.8%; Score 263; DB 10; Length 47;  
Best Local Similarity 100.0%; Pred. No. 1.5e-19;  
Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 101 VEVLDADSLHMRFLAPKIENEYETWTMKNVNSWTYNVQYKNGTDEK 147  
Db 1 VEVLDADSLHMRFLAPKIENEYETWTMKNVNSWTYNVQYKNGTDEK 47

RESULT 7  
US-09-864-761-34075  
; Sequence 34075, Application US/09864761  
; Patent No. US20020048763A1  
; GENERAL INFORMATION:  
; APPLICANT: Penn, Sharron G.  
; APPLICANT: Rank, David R.  
; APPLICANT: Hanzel, David K.  
; APPLICANT: Chen, Wensheng  
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR  
; FILE REFERENCE: Aecmica-X-1  
; CURRENT APPLICATION NUMBER: US/09/864,761  
; CURRENT FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/180,312  
; PRIOR FILING DATE: 2000-02-04  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 09/632,366  
; PRIOR FILING DATE: 2000-08-03

; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 09/608,408  
; PRIOR FILING DATE: 2000-06-30  
; PRIOR APPLICATION NUMBER: US 09/774,203  
; PRIOR FILING DATE: 2001-01-29  
; NUMBER OF SEQ ID NOS: 49117  
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1  
; SEQ ID NO 34075  
; LENGTH: 43  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: MAP TO AF000295.1  
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.7  
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.6  
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 2.4  
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.5  
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.92  
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2  
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.1  
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.5  
; OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 2.4  
; OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 1.7  
; OTHER INFORMATION: EST\_HUMAN HIT: AA352477.1, EVALUE 5.00e-21  
; OTHER INFORMATION: SWISSPROT HIT: Q08334, EVALUE 4.00e-22  
US-09-864-761-34075

Query Match 22.3%; Score 246; DB 10; Length 43;  
Best Local Similarity 100.0%; Pred. No. 6.3e-18;  
Matches 43; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 105 ADSLHMRFLAPKIENEYETWTMKNVNSWTYNVQYKNGTDEK 147  
Db 1 ADSLHMRFLAPKIENEYETWTMKNVNSWTYNVQYKNGTDEK 43

RESULT 8  
US-09-746-359A-55  
; Sequence 55, Application US/09746359A  
; Patent No. US20020042366A1  
; GENERAL INFORMATION:  
; APPLICANT: Thompson, Penny  
; APPLICANT: Foster, Donald C.  
; APPLICANT: Xu, Wensheng  
; APPLICANT: Madden, Karen L.  
; APPLICANT: Kelly, James D.  
; APPLICANT: Sprecher, Cindy A.  
; APPLICANT: Blumberg, Hal

APPLICANT: Eagan, Maribeth A.  
APPLICANT: Jaspers, Stephen R.  
APPLICANT: Chandrasekher, Yasmin A.  
APPLICANT: No. US20020042366A1ak, Julia E.  
TITLE OF INVENTION: Method for Treating Inflammation  
FILE REFERENCE: 99-108  
CURRENT APPLICATION NUMBER: US/09/746.359A  
PRIOR FILING DATE: 2001-05-21  
PRIOR APPLICATION NUMBER: 60/171,969  
PRIOR FILING DATE: 1999-12-23  
PRIOR APPLICATION NUMBER: 60/213,341  
NUMBER OF SEQ ID NOS: 72  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 55  
LENGTH: 217  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-746-359A-55

Query Match 20.8%; Score 229.5; DB 10; Length 217;  
Local Similarity 29.0%; Pred. No. 2e-15;  
Matches 62; Conservative 36; Mismatches 93; Indels 23; Gaps 6;

QY 2 VPPPEVNRNNSVNFKNILQWESPAPAKG-NLFTTAQYLSYR---IFQDKCMNTTLTECD 56  
DB 8 LRPANITFLSINMKNVQLWTPBGLQGVKTYTVQYFIYQKKMLNKSERNINRTYCD 67  
QY 57 FSSLSKYGDHT-LRVRAFEADHSDWNI-TFCPVDDTIIGPGMVEVLADSLMRFL 113  
DB 68 LSAETSDYHQYAKVAKIWTGKCSKMAESGRFYPFLETQGPPEVALTTDEKISIVLT 127  
QY 114 APKIENEYETW-----TKQVYNSWTYVNVQYWKNGTDEKQITPPQYDFEVLNRLP 164  
DB 128 AP-----EKMGRNPEDLPVSMQOYISNLKYNVSVLNTKSRNRTWSQCVNHTLVTWLEP 181  
QY 165 WTTYCVQVRGFLPDRNKGEMSEPVCEOTTHDET 198  
DB 182 NTLVCVHVESFVGPFPRAQPEKQACARTLKQDS 215

RESULT 9  
US-09-746-359A-12  
Sequence 12, Application US/09746359A  
GENERAL INFORMATION:  
APPLICANT: Thompson, Penny  
APPLICANT: Foster, Donald C.  
APPLICANT: Xu, Wenfeng  
APPLICANT: Madden, Karen L.  
APPLICANT: Kelly, James D.  
APPLICANT: Sprecher, Cindy A.  
APPLICANT: Blumberg, Hal  
APPLICANT: Eagan, Maribeth A.  
APPLICANT: Jaspers, Stephen R.  
APPLICANT: Chandrasekher, Yasmin A.  
APPLICANT: No. US20020042366A1ak, Julia E.  
TITLE OF INVENTION: Method for Treating Inflammation  
FILE REFERENCE: 99-108  
CURRENT APPLICATION NUMBER: US/09/746.359A  
PRIOR FILING DATE: 2001-05-21  
PRIOR APPLICATION NUMBER: 60/171,969  
PRIOR FILING DATE: 1999-12-23  
PRIOR APPLICATION NUMBER: 60/213,341  
NUMBER OF SEQ ID NOS: 72  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 12  
LENGTH: 221  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-746-359A-12

Query Match 20.8%; Score 229.5; DB 10; Length 221;  
Best Local Similarity 29.0%; Pred. No. 2e-15;  
Matches 62; Conservative 36; Mismatches 93; Indels 23; Gaps 6;

QY 2 VPPPEVNRNNSVNFKNILQWESPAPAKG-NLFTTAQYLSYR---IFQDKCMNTTLTECD 56  
DB 8 LRPANITFLSINMKNVQLWTPBGLQGVKTYTVQYFIYQKKMLNKSERNINRTYCD 67  
QY 57 FSSLSKYGDHT-LRVRAFEADHSDWNI-TFCPVDDTIIGPGMVEVLADSLMRFL 113  
DB 68 LSAETSDYHQYAKVAKIWTGKCSKMAESGRFYPFLETQGPPEVALTTDEKISIVLT 127  
QY 114 APKIENEYETW-----TKQVYNSWTYVNVQYWKNGTDEKQITPPQYDFEVLNRLP 164  
DB 128 AP-----EKMGRNPEDLPVSMQOYISNLKYNVSVLNTKSRNRTWSQCVNHTLVTWLEP 181  
QY 165 WTTYCVQVRGFLPDRNKGEMSEPVCEOTTHDET 198  
DB 182 NTLVCVHVESFVGPFPRAQPEKQACARTLKQDS 215

RESULT 10  
US-10-028-072-188  
Sequence 188, Application US/10028072  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: Deforge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Guiney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang  
TITLE OF INVENTION:  
FILE REFERENCE:  
CURRENT APPLICATION NUMBER: US/10/028.072  
PRIOR FILING DATE: 2001-12-19  
PRIOR APPLICATION NUMBER: 60/049911  
PRIOR FILING DATE: 1997-06-18  
PRIOR APPLICATION NUMBER: 60/056974  
PRIOR FILING DATE: 1997-08-26  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059115  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059117  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059122  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059184  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059263  
PRIOR FILING DATE: 1997-09-18  
PRIOR APPLICATION NUMBER: 60/059352  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059588  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059836  
PRIOR FILING DATE: 1997-09-24  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/062285  
PRIOR FILING DATE: 1997-10-17

[illegible]

PRIOR APPLICATION NUMBER: 60/091519  
PRIOR FILING DATE: 1998-07-02  
PRIOR APPLICATION NUMBER: 60/091982  
PRIOR FILING DATE: 1998-07-07

Query Match 20.8%; Score 229.5; DB 9; Length 542;  
Best Local Similarity 29.0%; Pred. No. 6, 1e-15;  
Matches 62; Conservative 36; Mismatches 93; Indels 23; Gaps 6;

2 VPPEVYVMSVNFKNILWESPAFKG-NLTFATYLSR-----IFQKCAWTTTTECD 56  
26 LPRKATTFISIMKKNVLMTPPEGLGVVYTVQFTYIGQKWLKSECRNINRTYCD 85

QY 57 FSSLSKYGDHT--LRVAFPADEHSDWVNI--TFCPVDDITIGPGVQVVLADSLHREFL 113  
DB 86 LSAETSEYEQYAKVKAIWGTGKSKWABSGRFYFLETOIGPPEVALTDEKSTISVULT 145

QY 114 APKLENEYEVW-----TMKNVNSMTYNNQYMKNGTDEKFKQITPGYDFEVLNLEP 164  
DB 146 AP-----EKKNRPEDLPVSMQIYSNLTKNVNSVLNTKSNRTWSOCVTNHTLVLTWLEP 199

QY 165 WTYCYOVGRGFLPDRNKAGEMSEFVCEQTHDET 198  
DB 200 NTLYCVHSEFVPGPPRAQSEKQCARILKQDS 233

RESULT 11  
US-10-052-586-398  
Sequence 398, Application US/10052586  
Patent No. US20020127584A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Chen, Jian  
APPLICANT: Desnoyers, Luc  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Pan, James  
APPLICANT: Smith, Victoria  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3430R1C1  
CURRENT APPLICATION NUMBER: US/10/052, 586  
CURRENT FILING DATE: 2002-01-15  
PRIOR APPLICATION NUMBER: 60/059263  
PRIOR FILING DATE: 1997-09-18  
PRIOR APPLICATION NUMBER: 60/059266  
PRIOR FILING DATE: 1997-09-18  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/063120  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063121  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063486  
PRIOR FILING DATE: 1997-10-21  
PRIOR APPLICATION NUMBER: 60/063540  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/063541  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/063544  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/063564  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/063734  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063870  
PRIOR FILING DATE: 1997-10-31  
PRIOR APPLICATION NUMBER: 60/064103  
PRIOR FILING DATE: 1997-10-31

PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066120  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/066466  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/066772  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/069335  
PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069425  
PRIOR FILING DATE: 1997-12-12  
PRIOR APPLICATION NUMBER: 60/069870  
PRIOR FILING DATE: 1997-12-17  
PRIOR APPLICATION NUMBER: 60/068017  
PRIOR FILING DATE: 1997-12-18  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/078886  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078939  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079664  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079786  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/080107  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080194  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080327  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080333  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/081049  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081070  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081195  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081838  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/082568  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082569  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082704  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082797  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083495  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083496  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083499  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083559  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/084366  
PRIOR FILING DATE: 1998-05-05  
PRIOR APPLICATION NUMBER: 60/084414  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084639  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084640  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084643

; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/085573  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085579  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085580  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085582  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085700  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/086023  
; PRIOR FILING DATE: 1998-05-18  
; PRIOR APPLICATION NUMBER: 60/086392  
; PRIOR FILING DATE: 1998-05-22  
; PRIOR APPLICATION NUMBER: 60/086486  
; PRIOR FILING DATE: 1998-05-22  
; PRIOR APPLICATION NUMBER: 60/087098  
; PRIOR FILING DATE: 1998-05-28  
; PRIOR APPLICATION NUMBER: 60/087208  
; PRIOR FILING DATE: 1998-05-28  
; PRIOR APPLICATION NUMBER: 60/087609  
; PRIOR FILING DATE: 1998-06-02  
; PRIOR APPLICATION NUMBER: 60/087759  
; PRIOR FILING DATE: 1998-06-02  
; PRIOR APPLICATION NUMBER: 60/087827  
; PRIOR FILING DATE: 1998-06-03  
; PRIOR APPLICATION NUMBER: 60/088025  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088028  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088029  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088033  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088167  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/088202  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/088212  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/088217  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/088326  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088655  
; PRIOR FILING DATE: 1998-06-09  
; PRIOR APPLICATION NUMBER: 60/088722  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088738  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088740  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088811  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088824  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088825  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088826  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088861  
; PRIOR FILING DATE: 1998-06-11  
; PRIOR APPLICATION NUMBER: 60/088863  
; PRIOR FILING DATE: 1998-06-11  
; PRIOR APPLICATION NUMBER: 60/088876  
; PRIOR FILING DATE: 1998-06-11  
; PRIOR APPLICATION NUMBER: 60/089090  
; PRIOR FILING DATE: 1998-06-12  
; PRIOR APPLICATION NUMBER: 60/089105  
; PRIOR FILING DATE: 1998-06-12  
; PRIOR APPLICATION NUMBER: 60/089512  
; PRIOR FILING DATE: 1998-06-15

; PRIOR APPLICATION NUMBER: 60/089514  
; PRIOR FILING DATE: 1998-06-16  
; PRIOR APPLICATION NUMBER: 60/089538  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089598  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089653  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089908  
Query Match 20.8%; Score 229.5; DB 12; Length 542;  
Best Local Similarity 29.0%; Pred. No. 6.1e-15;  
Matches 62; Conservative 36; Mismatches 93; Indels 23; Gaps 6;  
QY 2 VPPPENVRMNSVNFKNILQWESPAFAGK-NLTFTAQYLSYR-----IFQDKCMNTLTTCSD 56  
DB 26 LKPKANITFLSINMKNVLOWTPPEGLQGVKVTYTVQYFYGQKWLKSECRNINRTYCD 85  
QY 57 FSSLSKYGDHT--LRVRAEFADHSDWVNI-TFCPVDDTIIGPPGMQVEVLADSLHMRFL 113  
DB 86 LSAETSDYEHQYVAKAINGTKCSKWAESGRFYFLEQTGPPPEVALTTDEKSIISVLT 145  
QY 114 APKIENEYETW-----TMKNVNSWNTVNVQVWKGDTDEKFOITPYDYDFEVLRLNEP 164  
DB 146 AP-----EKWKRNPEDLPVSMQIYVSNLKNVSVLNTKSNRTWSQCVNHTLVLTWLEP 199  
QY 165 WTYCVQVRGFLPDRNKAGENSEPVCEQTHDET 198  
DB 200 NTLVCVHVSEFVPGPPRAQPSKQKQARTLKQDS 233  
RESULT 12  
US-09-746-359A-54  
; Sequence 54, Application US/09746359A  
; Patent No. US20020042366A1  
; GENERAL INFORMATION:  
; APPLICANT: Thompson, Penny  
; APPLICANT: Foster, Donald C.  
; APPLICANT: Xu, Wenfeng  
; APPLICANT: Madden, Karen L.  
; APPLICANT: Kelly, James D.  
; APPLICANT: Sprecher, Cindy A.  
; APPLICANT: Blumberg, Hal  
; APPLICANT: Eagan, Maribeth A.  
; APPLICANT: Jaspers, Stephen R.  
; APPLICANT: Chandrasekher, Yasmin A.  
; APPLICANT: No. US20020042366A1ak, Julia E.  
; TITLE OF INVENTION: Method for Treating Inflammation  
; FILE REFERENCE: 99-108  
; CURRENT APPLICATION NUMBER: US/09/746,359A  
; CURRENT FILING DATE: 2001-05-21  
; PRIOR APPLICATION NUMBER: 60/171,969  
; PRIOR FILING DATE: 1999-12-23  
; PRIOR APPLICATION NUMBER: 60/213,341  
; PRIOR FILING DATE: 2000-06-22  
; NUMBER OF SEQ ID NOS: 72  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 54  
; LENGTH: 547  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-746-359A-54

Query Match 20.8%; Score 229.5; DB 10; Length 547;  
Best Local Similarity 29.0%; Pred. No. 6.1e-15;  
Matches 62; Conservative 36; Mismatches 93; Indels 23; Gaps 6;  
QY 2 VPPPENVRMNSVNFKNILQWESPAFAGK-NLTFTAQYLSYR-----IFQDKCMNTLTTCSD 56  
DB 8 LKPKANITFLSINMKNVLOWTPPEGLQGVKVTYTVQYFYGQKWLKSECRNINRTYCD 67  
QY 57 FSSLSKYGDHT--LRVRAEFADHSDWVNI-TFCPVDDTIIGPPGMQVEVLADSLHMRFL 113

Db 68 LSAETSDYEHQYAKVKAIMGTCKSKMAESGRFPFLETQIGPEVALTTDEKSIIVLT 127  
Qy 114 APKIEVEYTW-----TMKNVNSWTYNVQYWKNGTDEKFOITPOYDFEVLNLEP 164  
Db 128 AP-----EKMKRNPEDLFVSMQOYISNLKYNVSLNTKSNRTWSQCVNHTLVLTWLEP 181  
Qy 165 WTTYCVQVRGFLPDNRKAGEMSEPVCEQTHDET 198  
Db 182 NTLVCVHVESFVGPERRAQPSEKOCARTLKQDS 215

RESULT 13  
US-09-746-359A-11  
Sequence 11, Application US/09746359A  
Patent No. US20020042366A1

GENERAL INFORMATION:  
APPLICANT: Thompson, Penny  
APPLICANT: Foster, Donald C.  
APPLICANT: Xu, Wenfeng  
APPLICANT: Madden, Karen L.  
APPLICANT: Kelly, James D.  
APPLICANT: Sprecher, Cindy A.  
APPLICANT: Blumberg, Hal  
APPLICANT: Bagau, Maribeth A.  
APPLICANT: Jaspers, Stephen R.  
APPLICANT: Chandrasekhar, Yasmin A.  
APPLICANT: No. US20020042366A1ak, Julia E.  
TITLE OF INVENTION: Method for treating inflammation  
FILE REFERENCE: 99-108  
CURRENT APPLICATION NUMBER: US/09/746,359A  
CURRENT FILING DATE: 2001-05-21  
PRIOR APPLICATION NUMBER: 60/171,969  
PRIOR FILING DATE: 1999-12-23  
PRIOR APPLICATION NUMBER: 60/213,341  
PRIOR FILING DATE: 2000-06-22  
NUMBER OF SEQ ID NOS: 72  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 11  
LENGTH: 553  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-746-359A-11

Query Match 20.8%; Score 229.5; DB 10; Length 553;  
Best Local Similarity 29.0%; Pred. No. 6.2e-15;  
Matches 62; Conservative 36; Mismatches 93; Indels 23; Gaps 6;

Qy 2 VPPENVNMSVNFKNILQWESPAPAKG-NLFTTAQYLSYR---IFQDKCNTLTTECD 56  
Db 37 LKPKANITFLSINMKNVUQWTPREGLOGVAVTVQYFIQOKKMLNKSECRNINRTYCD 96  
Qy 57 FSSLKRYGDHT-LRVRAFADEHSDWNI-TFCVDDTIIIGPGMOVEVLADSLHMRFL 113  
Db 97 LSAETSDYEHQYAKVKAIMGTCKSKMAESGRFPFLETQIGPEVALTTDEKSIIVLT 156  
Qy 114 APKIEVEYTW-----TMKNVNSWTYNVQYWKNGTDEKFOITPOYDFEVLNLEP 164  
Db 157 AP-----EKMKRNPEDLFVSMQOYISNLKYNVSLNTKSNRTWSQCVNHTLVLTWLEP 210  
Qy 165 WTTYCVQVRGFLPDNRKAGEMSEPVCEQTHDET 198  
Db 211 NTLVCVHVESFVGPERRAQPSEKOCARTLKQDS 244

RESULT 14  
US-09-949-192-7  
Sequence 7, Application US/09949192  
Patent No. US20020142292A1  
GENERAL INFORMATION:  
APPLICANT: Parham, Christi L.  
APPLICANT: Gorman, Daniel L.  
APPLICANT: Kurata, Hirokazu  
APPLICANT: Arai, Naoko

APPLICANT: Sana, Theodore R.  
APPLICANT: Mattson, Jeanne D.  
APPLICANT: Murphy, Erin E.  
APPLICANT: Savkoor, Chetan  
APPLICANT: Grein, Jeffery  
APPLICANT: Smith, Kathleen M.  
APPLICANT: McCleanahan, Terill K.  
TITLE OF INVENTION: MAMMALIAN GENES, RELATED REAGENTS AND METHODS  
FILE REFERENCE: DX01169K  
CURRENT APPLICATION NUMBER: US/09/949,192  
CURRENT FILING DATE: 2001-09-07  
PRIOR APPLICATION NUMBER: 60/231,267  
PRIOR FILING DATE: 2000-09-08  
NUMBER OF SEQ ID NOS: 53  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 7  
LENGTH: 553  
TYPE: PRT  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: MISC FEATURE  
LOCATION: (522) (522)  
OTHER INFORMATION: unknown amino  
US-09-949-192-7

Query Match 20.8%; Score 229.5; DB 10; Length 553;  
Best Local Similarity 29.0%; Pred. No. 6.2e-15;  
Matches 62; Conservative 36; Mismatches 93; Indels 23; Gaps 6;

Qy 2 VPPENVNMSVNFKNILQWESPAPAKG-NLFTTAQYLSYR---IFQDKCNTLTTECD 56  
Db 37 LKPKANITFLSINMKNVUQWTPREGLOGVAVTVQYFIQOKKMLNKSECRNINRTYCD 96  
Qy 57 FSSLKRYGDHT-LRVRAFADEHSDWNI-TFCVDDTIIIGPGMOVEVLADSLHMRFL 113  
Db 97 LSAETSDYEHQYAKVKAIMGTCKSKMAESGRFPFLETQIGPEVALTTDEKSIIVLT 156  
Qy 114 APKIEVEYTW-----TMKNVNSWTYNVQYWKNGTDEKFOITPOYDFEVLNLEP 164  
Db 157 AP-----EKMKRNPEDLFVSMQOYISNLKYNVSLNTKSNRTWSQCVNHTLVLTWLEP 210  
Qy 165 WTTYCVQVRGFLPDNRKAGEMSEPVCEQTHDET 198  
Db 211 NTLVCVHVESFVGPERRAQPSEKOCARTLKQDS 244

RESULT 15  
US-09-746-359A-53  
Sequence 53, Application US/09746359A  
Patent No. US20020042366A1  
GENERAL INFORMATION:  
APPLICANT: Thompson, Penny  
APPLICANT: Foster, Donald C.  
APPLICANT: Xu, Wenfeng  
APPLICANT: Madden, Karen L.  
APPLICANT: Kelly, James D.  
APPLICANT: Sprecher, Cindy A.  
APPLICANT: Blumberg, Hal  
APPLICANT: Bagau, Maribeth A.  
APPLICANT: Jaspers, Stephen R.  
APPLICANT: Chandrasekhar, Yasmin A.  
APPLICANT: No. US20020042366A1ak, Julia E.  
TITLE OF INVENTION: Method for Treating Inflammation  
FILE REFERENCE: 99-108  
CURRENT APPLICATION NUMBER: US/09/746,359A  
CURRENT FILING DATE: 2001-05-21  
PRIOR APPLICATION NUMBER: 60/171,969  
PRIOR FILING DATE: 1999-12-23  
PRIOR APPLICATION NUMBER: 60/213,341  
PRIOR FILING DATE: 2000-06-22  
NUMBER OF SEQ ID NOS: 72  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 53

Search completed: January 13, 2003, 15:44:38  
Job time : 8.30634 secs